

Converting Colors

Decimal(12255436)

Have a look what the booklet for
Decimal(12255436) contains.

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Color

Decimal(12255436)

Conversions

Conversions Part 1

Format	Color
Hex	BB00CC
RGB	187, 0, 204
RGB Percent	73%, 0%, 80%
CMY	0.2667, 1.0000, 0.2000
CMYK	0.08, 1.00, 0.00, 0.20
HSL	295°, 100%, 40%
HSV	295°, 100%, 80%
XYZ	31.3926, 14.9244, 58.3529
YIQ	79.1690, 45.9680, 103.0880

Conversions

Conversions Part 2

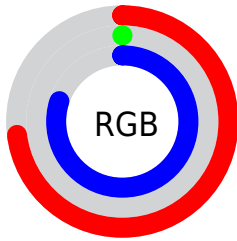
Format	Color
R_{YB}	187, 0, 204
Decimal	12255436
CIE _{Lab}	45.53, 80.40, -56.37
CIE _{LCh}	46, 98.193, 324.967
Yxy	14.9244, 0.2999, 0.1426
Android (android.graphics.Color)	4290445516 (0xFFBB00CC)
YUV	79.1690, 61.5417, 94.5678
Hunter-Lab	38.6321, 77.4434, -62.5135

Details

The Decimal color **12255436** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as dark washed purple. A complement of this color would be **1166336**, and the grayscale version is **5197647**.

A 20% lighter version of the original color is **16210687**, and **8388757** is the 20% darker color. If you saturate the color by 10%, you get **12255436**, and if you desaturate by 10%, it is **12391628**.

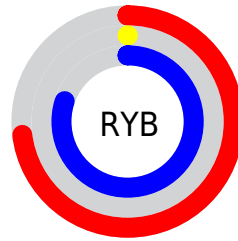
Distribution



Red (73%)

Green (0%)

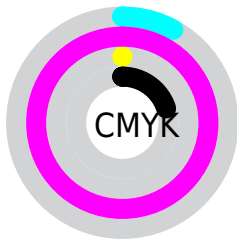
Blue (80%)



Red (73%)

Yellow (0%)

Blue (80%)

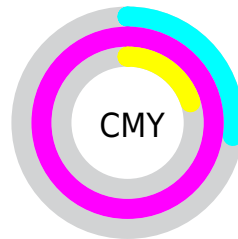


Cyan (8%)

Magenta (100%)

Yellow (0%)

Black (20%)



Cyan (27%)


















Magenta (100%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12255436 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Decimal color 12255436 by changing the saturation by 10% instead.

 12255436	 12255436
 16777215	 10354864
 16210687	 8388757
 16742655	 6553722
 16750335	 4653153
 16757759	 2818120
 16765439	 65584
 16773119	 282
	 0

 12255436

■ 12391628

■ 12462540

■ 12598732

■ 12735180

■ 12805836

■ 12942028

■ 13078476

■ 13214668

■ 13285580

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



24063



12255436



15532158

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



12255436



9397248



35760

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



12255436



1166336

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



35163



12255436



4029184

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



12255436



13251584



34048



35316

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



12255436



15859784



34048



35733

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



12255436



16364543



4556



8147584



0



8421504

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



12255436



15335679



13369466



6642790



9961638



2293798

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



13369361



16711701



52306



6708317



10878990



2490371

Previews

White Background



This preview shows how the Decimal color 12255436 looks on a white background.

Color Contrast Check

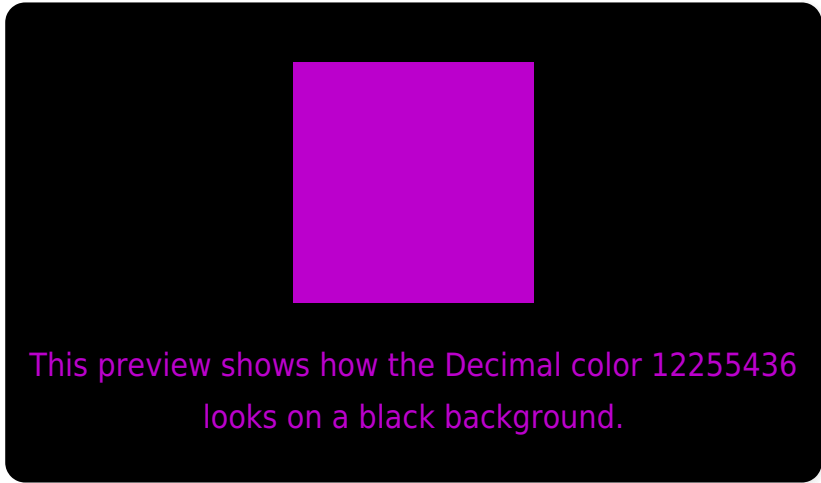
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

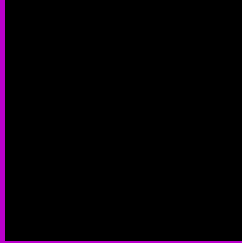
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 12255436 Background



This preview shows how black text looks on a background with the Decimal color 12255436.

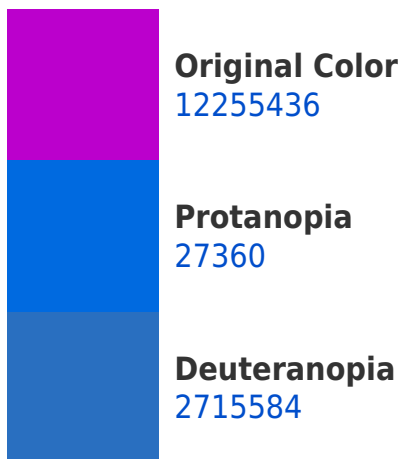


This preview shows how white text looks on a background with the Decimal color 12255436.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Trichromacy



Original Color
12255436



Protanomaly
4473817



Deuteranomaly
6178756



Tritanomaly
11678593

Monochromacy



Original Color
12255436



Achromatopsia
5197647



Achromatomaly
7746172

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12255436 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #BB00CC looks like.

```
.text, #text, p{  
  color:#BB00CC  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #BB00CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB00CC
}
```

Border

The CSS property to change the border of an element to Decimal 12255436 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BB00CC }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#BB00CC }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #BB00CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB00CC; -webkit-box-shadow:4px 4px  
4px 4px #BB00CC; box-shadow:4px 4px 4px  
4px #BB00CC }
```

Background

The CSS property to change the background color of an element to Decimal 12255436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB00CC }
```

If only the background color should be changed can be used:

```
.background{ background-color:#BB00CC }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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